

Abstract of the Disclosure

A method and apparatus for continuously forming flexible mat structure in the form of spaced, interconnected concrete panels. The mat structure can serve as an erosion control mat along the banks of waterways and within drainage ditches and channels, and can also be utilized to provide temporary or permanent walkways and roadways. A rotatable drum includes peripherally-positioned mold cavities that receive concrete mix from a trough supplied from a source of concrete mix. A grid is fed against the drum periphery and over the mold cavities before the concrete mix is introduced, and after the mix is introduced a web of fibrous material is brought into contact with the concrete-mix-containing mold cavities to overlie the concrete-containing surface of the drum. As the drum rotates the fibrous material with overlying, interconnected concrete panels is deposited on the ground to provide the finished mat structure.